

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S103	4	((("5920467") or ("5130628"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/02 14:20
S104	5	("4323838"   "4591831"   "4896092"   "5450002").PN. OR ("5920467").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/02 14:41
S107	23	S106 not S105	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 14:54
S105	15	(contactor or relay) and (bypass\$4 or (by\$2 adj pass\$4) or isolat\$4 ) and (motor or actuator) and series and parallel and ((variable near4 frequency) near4 drive) and ((isolat\$4 or (by\$2 adj pass\$4) or bypass\$4 ) same (relay or contactor or switch)) and "318"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 14:54
S106	33	(contactor or relay) and (bypass\$4 or (by\$2 adj pass\$4) ) and (motor) and series and parallel and ((variable near4 frequency) near4 drive) and ((isolat\$4 or (by\$2 adj pass\$4) or bypass\$4 ) same (relay or contactor or switch))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 15:43
S109	366	(contactor or relay or switch ) and (bypass\$4 or (by\$2 adj pass\$4) ) and (motor) and ((variable near4 frequency) ) and ((isolat\$4 or (by\$2 adj pass\$4) or bypass\$4 ) same (relay or contactor or switch)) and contacts	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 15:50
S108	535	(contactor or relay or switch ) and (bypass\$4 or (by\$2 adj pass\$4) ) and (motor) and ((variable near4 frequency) ) and ((isolat\$4 or (by\$2 adj pass\$4) or bypass\$4 ) same (relay or contactor or switch))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 15:50
S110	165	(contactor or relay or switch ) and (bypass\$4 or (by\$2 adj pass\$4) ) and (motor) and ((variable near4 frequency) ) and ((isolat\$4 or (by\$2 adj pass\$4) or bypass\$4 ) same (relay or contactor or switch)) and contacts and coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 15:51
S111	66	(contactor or relay or switch ) and (bypass\$4 or (by\$2 adj pass\$4) ) and (motor) and ((variable near4 frequency) ) and ((isolat\$4 or (by\$2 adj pass\$4) or bypass\$4 ) same (relay or contactor or switch)) and contacts and (coil near4 (contact or contactor or relay))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 17:05
S113	243	S112 not S111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 17:07
S2	0	S1 and frequenc\$4 and (speed or velocity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 16:48
S115	2	"20050017667"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 16:59
S114	30	"4328451"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 16:59

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S11 2	309	(contactor or relay or switch or contact) and (bypass\$4 or (by\$2 adj pass\$4) or isolat\$4) and (motor or load) and ((variable or vary\$4) near4 frequency) and ((isolat\$4 or (by\$2 adj pass\$4) or bypass\$4 ) same (relay or contactor or switch)) and (coil near4 (contact or contactor or relay))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 14:57
L1	0	(contact and frequency and bypass and switch and open and close and series and parallel).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:00
L3	2	(contact and variable and frequency and bypass and switch and open and close and series and parallel).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:02
L2	8	(contact and frequency and bypass and switch and open and close and series and parallel).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:02
L4	6	((("6775117") or ("5503260") or ("4978826"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 15:16
L6	5	("5038244"   "5537015"   "6700765"   "6788014"   "6900606").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 15:28
L7	10	("3991352"   "4093900"   "4672277"   "5291106"   "5471125"   "5814954"   "6331365"   "6369538"   "6611126"   "6653806").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 15:30

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L3	2	(contact and variable and frequency and bypass and switch and open and close and series and parallel).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:02